

TITOV, M.A., inzh.

Modern machinery for making mortars and concretes in the German  
Federal Republic. Stroi.i dor.mashinostr. 5 no.7:37-39 JI  
'60. (MIRA 13:7)

(Germany, West--Mixing machinery)  
(Concrete)  
(Mortar)

TITOV, M.A., inzh.

Concrete plants and units abroad. Strel. i Ser. 1958. 2 11:10-11:15  
S '58.

(Concrete construction)

(MIRA 11:10)

TITOV, M.A., inzh.

Explosionproof vibrating feeder. Stroi. i dor. mash. 7 no.4:32  
Ap '62. (MIRA 16:7)

(Vibrators) (Feed mechanisms)

TITOV, M.B.

Serum proteins in acute dysentery. Zhur.mikrobiol.epid. i immun.  
29 no.4:66-71 Ap '58. (MIRA 11:4)

1. Iz kafedry infektsionnykh bolezney L'vovskogo meditsinskogo  
instituta.

(DYSENTERY, BACILLARY, blood in,  
proteins (Rus)

(BLOOD PROTEINS, in var. dis.  
dysentery, bacillary (Rus)

TITOV, M.B.

Weltman reaction and serum proteins. Terap.arkh. 31 no.11:75-77  
N '59. (MIRA 13:3)

1. Iz kafedry infektsionnykh boleznet (zaveduyushchiy - dotsent  
B.N. Kotlyarenko) L'vovskogo meditsinskogo instituta.

(LIVER FUNCTION TESTS)

(BLOOD PROTEINS)

TITOV, M. B. Cand Med Sci -- (diss) "Functions of the liver <sup>in</sup> during acute  
dysentery." L'vov, 1959. 17 pp (L'vov State Med Inst), 200 copies  
(KL, 52-59, 127)

-146-

L 30780-66 EWT(1)/T JK

ACC NR: AP6022124

SOURCE CODE: UR/0016/66/000/003/0154/0155

AUTHOR: Titov, M. B.; Lutsuk, A. S.ORG: L'vov Medical Institute (L'vovskiy meditsinskiy institut)TITLE: Ornithosis in the western oblasts of the Ukraine

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 3, 1966, 154-155

TOPIC TAGS: epidemiology, animal disease, man, respiratory system disease, diagnostic medicine

ABSTRACT: Ornithosis has been rarely diagnosed in the western oblasts of the Ukraine, L'vovskaya Oblast in particular, mainly because the symptoms resemble pneumonia and other diseases. Over a period of 3 years the authors examined 281 persons, 247 with different diseases and 34 healthy workers in a meat-packing plant. Thirty-eight reacted positively to a skin test, including 28 sick and 10 healthy persons. Eight of the sick persons were diagnosed as having pneumonia or other respiratory diseases. Six times more females than males reacted positively, apparently, according to the authors, because they have more contact in their daily lives with poultry. In addition, four and one-half times more positive reactions were noted in those who had occupational contact with poultry than in those with other jobs. The authors conclude that ornithosis is present in L'vovskaya Oblast (both in symptomatic and in asymptomatic forms) but is misdiagnosed. They recommend the use of the skin test for retrospective diagnosis within a year after the individual contracted the disease. [JPRS]

SUB CODE: 06 / SUBM DATE: 18Dec65

Card 1/1 JS

UDC: 616.988.73-036.2(477.8)

TITOV, M.B.

Effect of levomycetin on blood proteins and prothrombin.  
Antibiotiki 10 no.7:634-636 11 '65. (MIRA 18-9)

1. Kafedra infektsionnykh bolezney (zav.- B.N. Kotlyarenko)  
L'vovskogo meditsinskogo instituta.



TITOV, M.B.

Rectoromanoscopic method in the diagnosis of bacillary dysentery.  
Sov.med. 21 no.12:58-63 D '57.

(MIRA 11:3)

1. Iz kafedry infektsionnykh bolezney (zav.-dotsent B.N.Kotlyarenko)  
L'vovskogo meditsinskogo instituta (dir.-prof. L.N.Kuzmenko)  
(DYSENTERY, BACILLARY, diag.  
rectoromanoscopy (Rus)

MARTYNOV, V.F.; TITOV, M.I.

Use of ethyl monofluoroacetate in Darzen's reaction. Zhmr. ob. khim.  
30 no.12:4107-4108 D '60. (MIRA 13:12)

1. Leningradskiy gosudarstvennyy universitet.  
(Acetic acid)

MARTYNOV, V.F.; TITOV, M.I.

Use of methyl dichloroacetate in the Darzens reaction. Zhur. ob.  
khim. 32 no.1:319-320 Ja '62. (MIRA 15:2)

(Acetic acid)

(Darzens reaction)

MARTYNOV, V.F.; TITOV, M.I.

Fluorine organic compounds. Part 1: Darzens reaction in the  
synthesis of  $\alpha$ -fluoro- $\beta$ -hydroxyacids. Zhur.ob.khim. 32  
no.3:718-721 Mr '62. (MIRA 15:3)

1. Leningradskiy gosudarstvennyy universitet.  
(Fluorine organic compounds) (Esters)

5(3)

SOV/79-29-9-18/76

AUTHORS: Favorskaya, T. A., Kononova, K. A., Titov, M. I.

TITLE: On the Transformation Mechanism of Tertiary Alcohols of the Cyclopropane Series Under the Influence of Mineral and Organic Acids. VII. Methyl Cyclopropyl Phenylacetylenyl Carbinol and Methyl Cyclopropyl Acetyl Carbinol and Their Stability in Acid Medium

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 9, pp 2894-2899 (USSR)

ABSTRACT: It was of interest to find out how methyl cyclopropyl phenyl acetylenyl carbinol, a cyclic alcohol with substituted acetylene hydrogen, reacts with sulphuric and hydrochloric acid. A related problem was the hydration of methyl cyclopropyl acetylenyl carbinol and the properties of the methyl cyclopropyl acetyl carbinol resulting in this connection. Methyl cyclopropyl phenyl acetylenyl carbinol (I) was synthesized and identified according to A. Ye. Favorskiy (Ref 7) from phenyl acetylene and acetyl trimethylene in the presence of caustic potash and over the organomagnesium compound. When heated with hydrochloric acid (1:10), methyl cyclopropyl phenyl acetylenyl carbinol (I) was found to be yielded back unchanged from the reaction. On reaction with diluted hydrochloric acid (1:1), methyl cyclo-

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SOV/79-29-9-18/76

On the Transformation Mechanism of Tertiary Alcohols of the Cyclopropane Series Under the Influence of Mineral and Organic Acids. VII. Methyl Cyclopropyl Phenylacetylenyl Carbinol and Methyl Cyclopropyl Acetyl Carbinol and Their Stability in Acid Medium

propyl phenylacetylenyl carbinol forms a cyclic chloride, methyl cyclopropyl phenylacetylenyl chloro methane (II) (Scheme 1). The authors investigated the hydration of methyl cyclopropyl acetylenyl carbinol (IV), and found the resulting methyl cyclopropyl acetyl carbinol (V) to be stable in acid medium at room temperature. The investigation further revealed that, when distilling the hydration products of methyl cyclopropyl acetylenyl carbinol with steam, the result is an isomerization of methyl cyclopropyl acetyl carbinol in the unsaturated ketoalcohol 3-methyl hexen-3-on-2-ol~~4~~6 (VI) (Scheme 2) with subsequent cleavage, under the formation of acetyl trimethylene. The structure of compound (VI) was confirmed by spectroscopic analysis. There are 10 references, 8 of which are Soviet.

ASSOCIATION: Leningradskiy gosudarstvennyy universitet  
Card 2/3 (Leningrad State University)

SOV/79-29-9-18/76  
On the Transformation Mechanism of Tertiary Alcohols of the Cyclopropane  
Series Under the Influence of Mineral and Organic Acids. VII. Methyl Cyclo-  
propyl Phenylacetylenyl Carbinol and Methyl Cyclopropyl Acetyl Carbinol  
and Their Stability in Acid Medium

SUBMITTED: September 8, 1958

Card 3/3

MARTYNOV, V.F.; BESPALOVA, Zh.D.; TITOV, M.I.

Synthesis of protected hexapeptide carbobenzoxy-L-phenylalanyl-L-leucyl-L-leucyl-L-phenylalanyl-L-leucyl-L-leucyl methyl ester. Vest. LGU 20  
no.10:159-161 '65. (MIRA 18:7)



MARTYNOV, V.F.; TITOV, M.I.

Study of compounds containing a three-membered oxide ring.

Part 32: Use of Darzens reaction for the synthesis of

$\alpha$ -chloro- $\beta$ -hydroxy compounds. Zhur. ob. khim. 34 no.7:

2125-2128 JI '62

(MIRA 17:8)

1. Leningradskiy gosudarstvennyy universitet.

MARTYNOV, V.F.; TITOV, M.I.

Darzens reaction used in the synthesis of oxychloride compounds.  
Zhur.ob.khim. 33 no.4:1380-1381 Ap '63. (MIRA 16:5)

1. Leningradskiy gosudarstvennyy universitet.  
(Esters) (Chlorine compounds) (Darzens reaction)

PODUSKA, K.; THIO, M.L.

Amino acids and peptides. Pt.49. C.1. Ca Chem. B. no.5:1611-1617  
My '65.

1. Institute of Organic Chemistry and Biochemistry of the  
Czechoslovak Academy of Sciences, Prague. Submitted August  
1, 1964.

TARARIN, S.V.; VOL'BERG, A.A.; AFONIN, V.T.; VOROB'YEV, G.M.; TITOV, M.I.

Influence of the operation of changing the contact pins to  
automatic control of electrolytic cells with a side supply  
of current. TSvet. met. 38 no.11:80-84, N '65.

(MIRA 18:11)

6(2)

AUTHOR:

SOV/111-59-8-21/30  
Zakharov, B. S., Chief Engineer and Titov, M. K., Deputy Chief

TITLE:

To Increase the Role of the Production Laboratories in the Improvement, Automation and Mechanization of the Means of Communications

PERIODICAL: Vestnik svyazi, 1959, Nr 8, pp 25-26 (USSR)

ABSTRACT:

This article deals with the work of the production laboratories of the communications industry in the USSR. The authors first review some recent work at a number of these laboratories. Work done at the Sverdlovsk Central Telegraph Office by A. G. Vasilevskiy, A. D. Rivkina and L. P. Mitrofanova on group servicing of telegraph facilities (see "Vestnik svyazi", 1959, Nr 5), which was found to increase productivity of labor of the telegraphists by 20%, is mentioned. Automation of transit telephone call processing is discussed: Workers at the Leningrad inter-city telephone station (MTS) have developed a project for complete automation of inter-city telephone communication for their province, outlined in the text. Also

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To Increase the Role of the Production Laboratories in the Improvement, Automation and Mechanization of the Means of Communications

mentioned is work done at the laboratory of the Leningrad Telegraph Office on improving the TT-ChM-12/16 acoustical telegraph apparatus, and work at the laboratory of the Khabarovsk MTS on improving operational stability of the acoustical telegraph channels in the MYe-8 eight-channel system. Improvements in the OKS apparatus were made at the laboratory of the Saratov MTS; the receiver and tone generator were returned to a frequency of 2,100 cps. Last year, it is stated, production laboratory developments were widely introduced at MTS and telegraph offices in the RSFSR: pneumatic "post" systems, developed by the laboratories of the Rostov and Saratov MTSs, for transmission of order blanks; a method of servicing telegraphic facilities without transmission control, developed at the laboratory of the Leningrad Central Telegraph Office, which freed up to 60 ST-35 apparatuses. The authors criticize several production laboratories for lack of attention to their proper functions, particularly those of the Irkutsk and Saratov

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SOV/111-59-8-21/30

To Increase the Role of the Production Laboratories in the Improvement, Automation and Mechanization of the Means of Communications

MTS and the Gor'kiy and Khabarovsk Telegraph Offices. Insufficient attention, they state, is paid to developing new methods of servicing telephone and telegraph facilities, in keeping up with new equipment and techniques. Further criticism is levelled at the laboratories of the Khabarovsk, Rostov and Kuybyshev MTS for lack of attention to measures for increasing utilization of telephone channels. The chief engineers of the Novosibirsk MTS (Sveshnikov), the Gor'kiy Telegraph Office (Popov), and the Irkutsk Telegraph Office (Glazer) are criticized for not reinforcing the staffs of their laboratories with qualified personnel. Exchange of information between production laboratories took place last year through distribution of accounts of their work and exchanges of visits; representatives of the Leningrad, Kuybyshev, Sverdlovsk, Kalinin and Stalingrad MTS visited the Saratov MTS, and representatives of the latter visited the Leningrad and Riga MTS; Laboratory workers of the Gor'kiy Telegraph Office visited the laboratory

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SOV/111-59-8-21/50

To Increase the Role of the Production Laboratories in the Improvement, Automation and Mechanization of the Means of Communications

of the Kiyev Telegraph Office. The authors report that a conference of laboratory workers at the telegraph offices and MTS was conducted by the Ministry of Communications for the purpose of summing up the work of the past year, determination of tasks for the coming year, and coordination of the activities of the laboratories. The authors outline many of the tasks facing the production laboratories in the development of new service methods, automation and mechanization, and improvement of quality and reliability of operation of communications facilities. In conclusion the authors note that in view of the important role of the production laboratories in achieving technical progress and implementing automation and mechanization of production processes, supplementary organization of production laboratories at MTS and telegraph offices in a number of cities in the RSFSR is projected. G. A. Shchekin, Engineer at the Leningrad Telegraph Office is mentioned (photograph caption). There is 1 photograph.

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SOV/111-59-8-21/30

To Increase the Role of the Production Laboratories in the Improvement, Automation and Mechanization of the Means of Communications

ASSOCIATION: UMTTS ministerstva svyazi RSFSR (UMTTS of the Ministry of Communications of the RSFSR)

Card 5/5

TITOV, M.K.; BUZGAN, I.A., starshiy inzh.

All communication workers should follow the practices of the  
brigades and shock workers of communist labor. Vest. aviazi  
21 no.8:23-24 Ag '61. (MIRA 14:9)

1. Glavnyy inzhener Upravleniya mezhdugorodnoy telegrafno-tele-  
fonnoy seti Ministerstva svyazi RSFSR (for Titov). 2. Otdel  
telegrafnoy svyazi Upravleniya mezhdugorodnoy telegrafno-tele-  
fonnoy seti Ministerstva svyazi RSFSR (for Buzgan).

(Telecommunication--Employees)

AUTHOR: Titov, M.K., Deputy Director

SOV-111-58-10-15/29

TITLE: ~~Experience of Executing Orders for Transit Calls Outside~~  
the Schedule in Interurban Telephone Stations (Opyt vypol-  
neniya zakazov na tranzitnyye razgovory vne raspisaniya na  
mezhdugorodnykh telefonnykh stantsiyakh)

PERIODICAL: Vestnik svyazi, 1958, Nr 10, pp 20-22 (USSR)

ABSTRACT: Several new transit stations have been established which  
permit calls without use of the Moscow transit station. The  
number of calls in the RSFSR had therefore increased by 26.5%  
in June 1958 as compared with the same month in 1956. In  
the Russian Federation, transit junctions have been organ-  
ized in Leningrad, Kuybyshev, Chelyabinsk, Rostov, the  
junction in Novosibirsk being not yet completed. Over-  
crowded lines use a timetable system for telephone calls  
in order to switch part of the calls to less busy hours.  
At the Leningrad junction, 14% of all calls are handled by  
automatic equipment. The loss of time during the connection  
of two numbers is considerable. For the line Kuybyshev -  
Khar'kov, 9 minutes are needed; for Kuybyshev - Rostov, 4  
minutes 40 seconds, etc. The waiting time for a call is  
1 - 2 hours in 4.6% of all cases, and more than 2 hours in

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SOV-111-58-10-15/29

Experience of Executing Orders for Transit Calls Outside the Schedule in Interurban Telephone Stations

1%. In July, a conference was convened in Kuybyshev in which experience was exchanged between communication workers for improving the present conditions.

ASSOCIATION: UMTTS Ministerstva svyazi RSFSR (UMTTS of the Ministry of Communications of the RSFSR)

1. Telephone communication systems--USSR 2. Telephone communication systems--Operation 3. Telephone communication systems--Performance

Card 2/2

TITOV, M.K.

Experience in filling orders for unscheduled through calls in  
long-distance offices. Vest.sviazi 18 no.10:20-22 0 '58.

(MIRA 11:11)

1. Zamestitel' nachal'nika Upravleniya mezhdugorodney telegrafno-  
telefonnoy seti Ministerstva RSFSR.

(Telephone stations)

ACC NR: AP7009082

SOURCE CODE: UR.0413/67/000/003/0056/0056

INVENTOR: Medvedev, S. K.; Ginzburg, Ye. L.; Titov, M. M.; Kozlov, Ye. V.; Volkov, S. S.; Bocharov, G. A.

ORG: None

TITLE: A high-voltage pulse capacitor. Class 21, No. 190996 [announced by the Capacitor Design Branch of the All-Union "Order of Lenin" Electrical Engineering Institute im. V. I. Lenin (Filial po kondensatorostroyeniyu Vsesoyuznogo ordena Lenina elektrotekhnicheskogo instituta)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1967, 56

TOPIC TAGS: electric capacitor, pulse signal

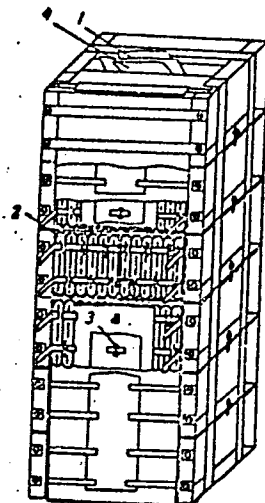
ABSTRACT: This Author's Certificate introduces a high-voltage pulse capacitor equipped with insulating layers made from paper saturated with a liquid dielectric and plates of aluminum foil. The capacitor is made in the form of packets which are electrically and mechanically interconnected. These packets consist of plane-parallel pressed sections with the higher-potential sections located in the middle of the packet and the lower-potential sections at the ends. The leads are connected to accumulator buses. The capacitor is designed for reduced inductance with a simultaneous simplification of production technology. The high-voltage bus is parallel to the end surfaces of the section packets and has holes for passage of the packet taps connected to this bus

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UDC: 621.319.44

ACC NR: AP7009082

from points of high potential. The low-voltage bus is above and parallel to the high-voltage bus and is connected to normally situated packet taps from points of low potential.



1--lower bus; 2--sections; 3--holes; 4--upper bus

SUB CODE: 09/ SUBM DATE: 13Jul64

TITOV, M.P.

Conference of active workers of the chemicopharmaceutical industry.  
Med.prom. 10 no.4:44-46 O-D '56. (MLRA 10:2)  
(DRUG INDUSTRY)



TITOV, M.P.

Standardizing wages in the medical supplies industry. Med. prom. 11  
no. 513-5 My. '57. (MIRA 10:6)

(WAGES)

TITOV, N., rabochiy.

Our life becomes more beautiful from day to day. Sov. profsoiuzy 5  
no.10:51-53 O '57. (MLRA 10:9)

(Obukhovo--Textile workers)

TITOV, N., inzhener-polkovnik.

Driving at night without headlights. Za rul.14 no.4:8-9 J1 '56.  
(Automobiles--Lighting) (Infrared rays) (MIRA 10:1)

TITOV, N.; GALANIN, D.

U.S.S.R. chemical industry and foreign trade in chemical goods.  
Vnesh.torg. 30 no.3:37-42 '60. (MIRA 13:3)  
(Chemical industry) (Russia--Commerce)

TITOV, N., prof. (Leningrad); CHOGOVADZE, Sh., dots. (Leningrad)

Vacuum drying of vegetables. Nauka i zhizn' 27 no.9:79 S  
'60. (MIRA 13:9)

(Vegetables--Drying)

TITOV, N., polkovnik, kand.istoricheskikh nauk

The 22d Congress of the CPSU and the defense of our socialist  
fatherland. Komm.Vooruzh.Sil 3 no.20:10-18 0'62. (MIRA 15:10)  
(Russia--Military policy) (Russia--Armed forces)

TITOV, N. (g. Livny, Orlovskoy oblasti)

Lowering the level of man-made interference in the "PTS-47"  
receiver. Radio no. 7:54 J1'55. (MLRA 8:10)  
(Radio--Interference)

TITOV, N.

Tank [The tank]. Moskva, DOSAAF, 1952. 143 p.

SO: Monthly List of Russian Accessions, Vol. 7 No. 2 May 1954.



TITOV, N.

USSR (600)

Lactic Acid Bacteria

Drying lactic acid bacteria. Mol prom. 13 No. 7, 1952

9. Monthly List of Russian Accessions, Library of Congress, October 195~~2~~<sup>3</sup>, Uncl.  
2

1. TITOV, N.
2. USSR (600)
4. Labels
7. Labels on ampoules. Mol.prom. 13 no. 10, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

TITOV, N.

This promises big profits. Obshchestv.pit. no.2:24-25 F '60.  
(MIRA 13:6)  
(Novosibirsk--Swine houses and equipment)

TITOV, N., inzhener-meliorator.

Wrested from the swamps. Tekh.molod. 21 no.10:16-17 0 '53. (MLRA 6:10)  
(Reclamation of land)

TITOV, N.

1. DOLINA, Novosti Tekhn, 1940, (1), 17-18

TITOV, N.; CHOGOVADZE, Sh.; MISHCHUK, Ye.; SAKHAROVA, T.

Comparative evaluation of vegetables dried under plus and minus temperatures. Sov. torg. 35 no.2:37-38 F '61. (MIRA 14:3)

1. Sotrudniki Insituta sovetskoy trgovli imeni Fr. Engel'sa, Leningrad.

(Vegetables, Dried)

TITOV, N. (Leningrad); CHOGOVADZE, Sh. (Leningrad); FAGEL', R. (Leningrad)

Influence of packaging on the preservation of vitamin C.  
Sov. torg. 35 no.12:34 D '61. (MIRA 14:11)  
(Vegetables, Dried)

TITOV, Nikolaj, ing. (Beograd, Karadordeva 49)

Calculation of a crane runway as an elastically supported girder.  
Brodarstvo 4 no. 13:559-566 O-D 61.



TITOV, Nikolaj, ing. (Beograd, Karadordeva 49/III)

Construction of a new river port in Breko. Brodarstvo 4 no. 11/12:  
491-501 Ap-S 61.

*TITOV, N.A.*

TITOV, N.A. (Balezino, Udmurtskaya ASSR, rayonnaya bol'nitsa)

Free grafting of the omentum and peritoneum in abdominal surgery.  
Vest.khir. 75 no.1:65 Ja-F '55. (MIRA 8:4)

1. Iz Balezinskoy rayonnoy bol'nitsy Udmurtskoy ASSR (glav. vrach.  
M.K.Karpenko)

(ABDOMEN, surgery,  
free omental & peritoneal grafts)  
(TRANSPLANTATION,  
omentum & peritoneum, in abdom. surg.)  
(PERITONEUM, transplantation,  
in abdom. surg.)  
(OMENTUM, transplantation,  
in abdom. surg.)

TITOV, N.A.

Extensive intestinal invagination. Khirurgia no.4:86 Ap '55.  
(MLRA 8:9)

1. Balezinskaya rayonnaya bol'nitsa Udmurtskoy ASSR.  
(INTESTINES--INTUSSUSCEPTION)

TITOV, N. A.: Master Med Sci (diss) -- "Traumatism in agricultural production and its prophylaxis". Perm', 1958. 14 pp (Min Health RSFSR, Perm' State Med Inst), 150 copies (KL, No 8, 1959, 139)

TITOV, NIKOLAY ALEKSANDROVICH

N/5  
762.511  
.76

Profilaktika Sel'skokhozyaystvennogo Travmatizma (Prevention of Injuries to  
Agricultural Workers, by) N. A. Titov (1 Dr.) Pod Red. N. N. Priorova.  
Moskva, Medgiz, 1957.

162 p. Illus., Tables.  
"Literatura": p. 159-160.

TITOV, N.A.; PRIOROV, N.N., redaktor

[Prevention of farm injuries] Profilaktika sel'skokhoziaistvennogo  
travmatizma. Pod red. N.N.Priorova. Moskva, Medgiz, 1957. 162 p.  
(AGRICULTURE--ACCIDENTS) (MIRA 10:11)

TITOV, N.A.

Utilization of bog stumps for chemical processing. Torf. prom.  
36 no.5:34-35 '59. (MIRA 13:1)

1. Chernoramenskoye torfopredpriyatiye.  
(Peat bogs) (Wood waste)

SMIRNOV, L.N.; TITOV, N.A.

Principal requirements for geophysical work in hydrogeological  
and engineering geological investigations. Razved.i okh.nedr  
21 no.1:45-48 Ja-F '55. (MLRA 9:12)

(Water, Underground)  
(Prospecting--Geophysical methods)  
(Engineering geology)



ANTONENKO, K.I.; TITOV, N.A.; CHAPOVSKIY, Ye.G.; CHURINOV, M.V.;  
GODOVIKOVA, L.A., redaktor izdatel'stva; GUROVA, O.A., tekhnicheskij  
redaktor.

[Organization and production of hydrogeological charts on the  
scale of 1:200,000-1:100,000] Organizatsiya i proizvodstvo gidro-  
geologicheskoi s''emki mashtabov 1:200,000-1:100,000. Sost.  
K.I.Antonenko i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po  
geol.i okhrane nedr, 1957. 119 p. Map (fold.) 1. (MIRA 10:11)

1. Moscow. Vsesoiuznyy nauchno-issledovatel'skiy institut gidro-  
geologii i inzhenernoy geologii.  
(Geological surveys) (Water, Underground)

KONOPLYANTSEV, A.A.; MARINOV, N.A.; TITOV, N.A.

Studies in engineering geology in the German Democratic Republic.  
Razved. i okh. nedr. 24 no.7:59-62 J1 '58. (MIRA 11:12)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut gidrogeologii i  
inzhenernoy geologii.  
(Germany, East--Engineering geology)

TITOV, N. A.

ANTONENKO, K.I.; TITOV, N.A.; CHAPOVSKIY, Ye.G.; CHURINOV, M.V.; GODOVIKOVA,  
L.A., redaktor izdatel'stva; GUROVA, O.A., tekhnicheskiy redaktor

[Organization and production of hydrogeological charts, scale  
1:500,000] Organizatsiya i proizvodstvo gidrogeologicheskoi  
s"emki masshtaba 1:500,000. Sost. K.I.Antonenko i dr. Moskva,  
Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane neдр, 1957.  
111 p. (MLRA 10:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut  
gidrogeologii i inzhenernoy geologii  
(Geological surveys)

BYKOVER, N. A.; VOLOGDIN, A. G.; MATVEYEV, A. K.; TITOV, N. A., and TARACOV, I. V.  
TITOV, N. A.

"Geology and Mineral Resources of the Western Districts of the USSR," USSR Geological  
Res. Inst., Moscow and Leningrad, 1941.

CHUVAYEV, A.P.; TARASOV, A.V.; TITOV, N.A.; NIKANDROVA, G.T.

Experiment in controlling the development of large convective  
clouds over a considerable area. Trudy GGO no.72:127-134 '57.  
(MIRA 10:11)

(Clouds)

132-58-7-12/13

AUTHORS: Konoplyantsev, A.A., Marinov, N.A., Titov, N.A.

TITLE: Engineering - Geological Research in the German Democratic Republic (Inzhenerno-Geologicheskije issledovaniya v Germanской Demokraticheskoy Respublike)

PERIODICAL: Razvedka i okhrana nedr, 1958, Nr 7, pp 59-62 (USSR)

ABSTRACT: The authors give a short survey of geological engineering activity in East Germany

ASSOCIATION: VSEGINGEO [All-Union Scientific Research Institute of Hydrogeology and Geological Engineering]

1. Geology--Germany 2. Scientific research--Germany

Card 1/1

ZOLOTAREV, G.S., red.; SOKOLOV, D.S., red.; CHAPOVSKIY, Ye.G., red.;  
BINDEMAN, N.N., red.; LYKOSHIN, A.G., red.; TITOV, N.A., red.;  
GARMONOV, I.V., retsenzents; PRIKLONSKIY, V.A., retsenzents;  
POPOV, I.V., retsenzents; RODIONOV, N.V., retsenzents; KHAKIMOV,  
V.Z., red.; YERMAKOV, M.S., tekhn.red.

[Methods and results in the study of hydrogeological and  
engineering geological conditions of large reservoirs] Opyt  
i metodika izucheniya gidrogeologicheskikh i inzhenerno-geolo-  
gicheskikh uslovii krupnykh vodokhranilishch. Pod red. G.S.  
Zolotareva, D.S. Sokolova i E.G. Chapovskogo. Moskva, Izd-vo Mosk.  
univ. Pt.1. 1959. 175 p. diagrs, maps.

(MIRA 14:4)

(Volga Valley--Reservoirs)

(Engineering geology)

PLOTNIKOV, N.A.; TITOV, N.A., nauchnyy red.; FILIPPOVA, B.S., red.  
izd-va; PEN'KOVA, S.A., tekhn.red.

[Estimating the resources of underground waters] Otsenka  
zapasov podzemnykh vod. Moskva, Gos.nauchno-tekhn.izd-vo  
lit-ry po geol. i okhrane neдр, 1959. 287 p. (MIRA 12:8)  
(Water, Underground)



S/137/62/000/005/127/150  
A160/A101

AUTHOR: Titov, N. A.

TITLE: Work experience with endothermic atmospheres

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 5, 1962, 134, abstract 51810  
("Tr. Proyechn., tekhnol. i n.-i. in-ta. Gor'kovsk. sovnarkhoz",  
1960, no. 3(5), 72 - 83)

TEXT: The endothermic atmosphere is the most prospective one in the technology of thermal treatment, since it may be simply and cheaply produced and may be utilized for the thermal treatment of various grades of steels. The endothermic atmosphere is obtained by means of cracking saturated hydrocarbon gases (natural gas and reduced propane-butane mixtures) in the presence of a fixed and strictly controllable quantity of air. Considered are the methods of obtaining endothermic atmosphere. When obtaining endothermic atmosphere which is controllable by the carbon potential and used for the thermal treatment of a steel with 0.2 - 2% C, the excess air  $\alpha = 0.25 - 0.35$ . For natural gas  $\alpha = 0.25 - 0.30$ , and for propane-butane mixtures -  $\alpha = 0.30 - 0.35$ . Endothermic atmosphere

Card 1/2

Work experiences with endothermic atmospheres

S/137/62/000/005/127/150  
A160/A101

with additions of unprocessed hydrocarbon gas is used for gas cementation, and with additions of  $\text{NH}_3$  - for gas cyanidation. A description is given of a new setup of an installation for evaporating liquefied propane-butane mixtures, which should be used for producing 40 - 50  $\text{m}^3$  of endothermic atmosphere per hour, or 80 - 100  $\text{m}^3$  of exothermic atmosphere per hour. A two-side regulation system was developed and used. A diagram of the system is presented. A method of changing the air-gas ratio made it possible to eliminate the use of a compressor with an electric motor which is being utilized in conventional schemes with position-type regulation of the carbon potential. In the pickup of the device which determines the dew point of the atmosphere, silver electrodes may be fully used instead of gold and platinum ones. Controllable atmospheres, obtained in an endothermic generator, may also be used for thermal treatment at 500 - 700°C with  $\alpha = 0.35 - 0.45$ . There are 7 references.

A. Babayeva

[Abstracter's note: Complete translation]

Card 2/2

ZABRODSKIY, G.M.; ZAYTSEV, V.A.; LEDOKHOVICH, A.A.; TITOV, N.A.

Sounding at atmosphere from a TU-104 airplane. Trudy GGO no.104:  
53-67 '60. (MIRA 13:10)  
(Meteorological instruments) (Aeronautics in meteorology)  
(Cloud physics)

TITOV, N.A.

Controlled atmosphere made of industrial nitrogen and natural gas.  
Metalloved. 1 term. obr. met. no.9:26-31 S '64. (MIRA 17:11)

1. Gor'kovskiy politekhnicheskii institut.

SEREBRYAKOV, L.P.; VOLODCHENKO, K.G.; MINASHKIN, M.A. Prinsipal'nyy uchastiyets: TITOV, N.A.; PROSELOV, N.L.; MINAYEV, I.Z.; NIKOLAYEV, S.V.; SAMOYLOVA, V.F.; SIDOROVA, L.P.; FOMIN, V.F., red. vypuska; BOBRYSEV, A.T., red. vypuska; CHAPOVSKIY, Ye.G., red. vypuska; POSPELOVA, A.M., red. izd-va; GUROVA, O.A., tekhn. red.

[Collection of unified district estimates for geological prospecting] Sbornik edinykh poraionnykh edinichnykh ras-tsenok na geologorazvedochnye raboty. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. No.2. [Hydrogeology and geological engineering] Gidrogeologicheskie i inzhenerno-geologicheskie raboty. 1960. 91 p. (MIRA 14:12)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. 2. Ministerstvo geologii i okhrany nedr SSSR (for Titov, Nikolayev).

(Prospecting)

ZOLOTAREV, G.S., red.; SOKOLOV, D.S., red.; CHAPOVSKIY, Ye.G., red.; GARMANOV, I.V., retsenzent; PRIKLONSKIY, V.A., retsenzent [deceased]; POPOV, I.V., retsenzent; RODIONOV, N.V., retsenzent; TITOV, N.A., nauchnyy red.; FILIPPOVA, B.S., red.; BINDEMAN, N.N., red.; LYKOSHIN, A.G., red.; YERMAKOV, M.S., tekhn. red.

[Results achieved and methods used in studying hydrogeological and engineering geological conditions of large reservoirs] Opyt i metodika izucheniia gidrogeologicheskikh i inzhenerno-geologicheskikh usloviy krupnykh vodokhranilishch. Pod red. G.S.Zolotareva, D.S. Sokolova i E.G.Chapovskogo. Moskva, Izd-vo Mosk. univ. Pts.2 and 3. 1961. 360 p. diagrs, maps. (MIRA 14:8)  
(Reservoirs) (Engineering geology)

RYABCHENKOV, A.S.; ANTONENKO, K.I.; TITOV, N.A.; CHAPOVSKIY, Ye.G.;  
CHURINOV, M.V.; KONOPLYANTSEV, A.Z.; VIKTOROV, S.V.; VOSTOKOVAYA,  
Ye.A.; SADOVSKIY, N.D.; KUDELIN, B.I.; OGIL'VI, N.A.;  
LUNGERSGAUZEN, G.F.; BRODSKIY, A.A.; SECHERBAKOV, A.V.; POPOV,  
V.N.; YEMEL'YANOVA, Ye.P.; SOKOLOV, S.S.; BERSENEV, I.I.; GROSHIN,  
S.I.; MAKKAVEYEV, A.A.; MARINOV, N.A.; YEFIMOV, A.I.; ASSOVSKIY,  
G.N.; VLADIMIROV, A.G. [deceased]; PROKHOROV, S.P.; FILIPPOVA,  
B.S., red. izd-va; BYKOVA, V.V., tekhn. red.

[Methodological manual on hydrogeological surveying at the scales  
of 1:1,000,000 - 1:500,000 and 1:200,000 - 1:100,000] Metodiche-  
skoe rukovodstvo po gidrogeologicheskoi s"emke masshtabov  
1:1000 000 - 1:500 000 i 1:200 000 - 1:100000. Pod obshchei  
red. A.A. Makkaeveva i A.S. Riabchenkova. Moskva, Gos. nauchno-  
tekhn. izd-vo lit-ry po geol. i okhrane neдр, 1961. 318 p.  
(MIRA 15:3)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany neдр.  
(Water, Underground) (Geological surveys)

TITOV, N.A., inzh.

Effect of nitrogen on endothermic atmospheres. Metalloved. i  
term.obr.met. no.12:21-25 D '61. (MIRA 14:12)

1. Gor'kovskiy proyektyny, tekhnologicheskii i nauchno-issledova-  
tel'skiy institut.

(Case hardening)  
(Protective atmospheres)



1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
<p>Replacement of Cobalt by Nickel in Pressed Hard Alloys. V. I. Tretliakov and N. D. Titov (<i>Rodkie Metally (Rare Metals)</i>, 1934, (1), 24-26).—[In Russian.] The preparation of "Pobedit" with nickel instead of cobalt is described. A mixture of tungsten carbide and zinc dust is shaken with an ammoniacal solution of a nickel salt, and after precipitation of nickel is complete, the metallic residue is washed with water and alcohol and dried. Sintering is effected in the absence of carbon. The alloy containing 8% of nickel has a Rockwell-C hardness of 80. A cutting tool of such an alloy, when used for the turning of carbon steel (Brinell hardness 166) making a shaving of 3-4 mm.<sup>2</sup> cross-section at a speed of 110 m./minute, was blunted after 3-5 minutes and at a speed of 90 m./minute after 13-25 minutes. The alloy is tough and does not crumble.—D. N. S.</p>																			
<p>ASB-11A METALLURGICAL LITERATURE CLASSIFICATION</p>																			
<p>COMMON ELEMENTS</p>										<p>COMMON VALENCE INDEX</p>									
<p>COMMON VALENCE INDEX</p>										<p>COMMON ELEMENTS</p>									

9

Desulfurization of cast iron with a mixture of thermite with calcined soda, lime and potassium permanganate. N. D. Titov. *Litelsno Delo* 1940, No. 8-9, 14-15.—Best desulfurizers are: (1) calcined soda and lime and (2) calcined soda, thermite and lime. The dosage of the first mixt. is 6-7 kg. soda and 3-4 kg. lime per ton of liquid cast Fe; the second, 6-7 kg. soda, 3-4 kg. lime and 10-12 kg. thermite. B. Z. Kamich

B

F

4907. MINERAL COMPOSITION OF PEAT WATER AND ITS RELATION TO SOME PROPERTIES OF PEAT. Titov, N.G. and Zharkova, A.V. (Izvest. Akad. Nauk SSSR, Otdel. Tekh. Nauk (Bull. Acad. Sci. U.S.S.R., Sect. Tech. Sci.), 1948, 643-648: abstr., 1951, vol.45, 5389). The composition of peat was shown to depend on the mineral content of the water in the peat bogs. With high gypsum concentration of the water, peat had low bitumen and high ash content, while with low gypsum concentration the reverse was true. This accounted for by the presence of Ca humates in the high ash peat. C.A.

TITOV, N. D.

185T95

USSR/Metals - Cast Iron

Feb 51

"Titanium-Manganese Perlitic Malleable Iron in Automobile Building," N. D. Titov, ZIS

"Litey Proiz" No 2, pp 13, 14

Essential advantages of malleable iron with addn of titanium are increased plasticity, possibility of straightening parts in presses and better machinability than spheroidized manganese cast iron. Addn of 0.05-0.06% Ti is sufficient with Mn-content of 1.0-1.2%. Also examd effect of Mg-addn on properties of perlitic malleable iron.

185T95

CENTRAL SCIENTIFIC INSTITUTE OF TECHNOLOGY AND MACHINE BUILDING (MOSKVA)

TRAY, N. D. -- "INVESTIGATION OF DEPENDENCE OF ISA RATE ON MAGNETIC CARRIER FREQ."  
SUB. BY NAME OF, CENTRAL SCIENTIFIC INSTITUTE OF TECHNOLOGY AND MACHINE BUILDING (MOSKVA)  
(DIPLOMA FOR THE DEGREE OF CANDIDATE IN TECHNICAL SCIENCES)

ISS: VECHERNAYA MOSKVA, JANUARY-DECEMBER 1955

11704, M.L.

Journal of the Iron and Steel  
Institute  
Vol. 176, Part 3  
Mar. 1954  
Protective Coatings

3  
met 2

Electric Spark Hardening of Metallic Articles. G. P. Ivanov  
and N. D. Tikhov. (*Litening Proizvodstvo*, 1953, 3, 1, 21-22).  
(In Russian). The Ivanov electric metallizing machine and  
its use for depositing hard materials on steel or cast iron sur-  
faces are described. From a primary voltage of 220 a pulsed,  
and adjustable secondary voltage produces a spark which  
carries particles of the hard material (anode) on to the article  
(cathode). The hardness of the deposited layer is enhanced  
by the nitriding of the particles as they pass through atmos-  
pheric nitrogen, ionized by the spark. The high temperature  
of the spark also favours diffusion and leads to firm adhesion  
of the deposited layer. Photomicrographs of treated surfaces  
are shown.—S. K.

1. The first part of the document is a list of the names of the persons who were present at the meeting. The names are listed in alphabetical order. The names are: [illegible]

TITOV, N. D.

✓ Foundry Production Reserves. N. D. Titov. (Litsinoe  
Proizvodstvo, 1955, (5), 21-25). [In Russian]. Measures taken  
to increase foundry output to deal with simultaneous increases  
in both the total weight and the variety of castings required  
are described. By various measures the cost of casting was  
decreased by 6.5-8.5%—S. K.



TITOV, N.D., kandidat tekhnicheskikh nauk.

Automatic loading of molding sand into bins. Lit.proizv.no.4:  
12-13 Ap '56. (MLRA 9:7)  
(Foundry machinery and supplies) (Sand, Foundry)

TITOV, N.D., kandidat tekhnicheskikh nauk.

For further utilization of potentialities existing in foundries.

Lit.proizv. no.5:5-8 My '56.

(MLBA 9:8)

(Molding machinery (Founding))

TITOV, N.D.

Raising the technical and economic work indices of forging shops.  
Avt. 1 trakt. prom. no.7:1-5 J1 '56. (MLRA 9:10)

1. Moskovskiy avtozavod imeni I.A. Likhacheva.  
(Forging)

AKSENOV, Pavel Nikolayevich, doktor tekhnicheskikh nauk, professor; ~~TITOV,~~  
~~N.D.~~ kandidat tekhnicheskikh nauk, dotsent, retsenzent; FANTALOV,  
L.I., doktor tekhnicheskikh nauk, professor, retsenzent; KONSTANTI-  
NOV, L.S., kandidat tekhnicheskikh nauk, redaktor; UVAROVA, A.F.,  
tekhnicheskiiy redaktor; MODEL', B.I., tekhnicheskiiy redaktor

[Founding technology] Tekhnologiya liteinogo proizvodstva. Moskva,  
Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1957. 664 p.  
(Founding) (MLRA 10:8)

BARIKOV, N.A., kand. tekhn. nauk; TITOV, R.D., kand. tekhn. nauk,  
retsenzent; SUDAKIN, Ya.A., inzh., red.

[Water-cooled cupola furnaces and their metallurgical possibilities] Vodookhlazhdaemye vuzgranki i ikh metallurgicheskie vozmozhnosti. Moskva, izd-vo "Mashinostroyeniye," 1964.  
225 p.

(MIRA 17:7)

TITOV, N.D.; BRYKOV, V.D.

Channel by channel oscillographic rerecording at the  
SSM-57 seismic station. Geofiz. razved. no.12:19-21 '63.  
(MIRA 16:11)

TITOV, Nikolay Dmitriyevich, kand. tekhn. nauk; SOSNENKO, M.N., inzh.,  
retsenzent; KATSMAN, A.B., inzh., red.; CHERNYAK, O.V., red.  
izd-va; EL'KIND, V.D., tekhn. red.

[Sand mixer operator in foundries] Smeseprigotovitel' liteinykh  
tsekhov. Moskva, Mashgiz, 1962. 163 p. (MIRA 16:4)  
(Sand, foundry)

TITOV, Nikolaj, inz. (Karadordeva 49/II ulaz, Beograd)

Life of the vertical quays made of steel sheets. Brodarstvo  
4 no.14:609-618 Ja-Mr '62.



SHKLENNIK, Ya.I.; BARANOV, A.V.; IVANOV, V.N.; KAZENNOV, S.A.; KURCHMAN,  
B.S.; LYASHCHENKO, N.N.; MARULIDI, R.A.; MILITSIN, G.K.;  
OZEROV, V.A.; SITNICHENKO, A.I.; TELIS, M.Ya.; KHEVGIN, M.L.;  
TITOV, N.D., kand.tekhn.nauk, retsenzent; KLAUZEN, A.I., inzh.,  
retsenzent; MARKIZ, Yu.I., inzh., red.; TIKHANOV, A.Ya., tekhn.red.;  
CHERNOVA, Z.I., tekhn.red.; EL'KIND, V.D., tekhn.red.

[Precision casting] Lit'e po vyplavliaemym modeliam. Leningrad,  
1961. 455 p. (MIRA 15:2)

(Precision casting)

TITOV, H.D.

Automatic equipment for shaking out molds with cylinder-block  
castings. Avt.prom. no.10:34 0 '60. (MIRA 13:11)

1. Moskovskiy avtozavod imeni Likhacheva.  
(Molding (foundry))

25(1, 7)

PHASE I BOOK EXPLOITATION

SOV/3281

Berezin, Boris Prokop'yevich, Aron Abramovich Mosyak, Vikentiy Markianovich Nikiforov, Georgiy Ivanovich Pogodin-Alekseyev, Nikolay Dmitriyevich Titov, Boris Gavrilovich Shpital'nyy, and Nikolay Aksent'yevich Shcherbina

Tekhnologiya vazhneyshikh otrasley promyshlennosti, chast' 2: Mashinostroyeniye; uchebnoye posobiye dlya vysshikh partiynykh shkol (Manufacturing Processes of the More Important Branches of Industry, Part 2: Machinery Manufacture; Manual for Higher Party Schools) Moscow, Izd-vo VPSH i AON pri TsK KPSS, 1959. 376 p. 15,600 copies printed.

Sponsoring Agency: Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya partiynaya shkola. Kafedra promyshlennogo proizvodstva i stroitel'stva.

Eds.: G.I. Pogodin-Alekseyev, A.G. Kokoshko, and D.R. Beyzel'man; Tech. Ed.: K. M. Naumov.

PURPOSE: This textbook is intended for students of higher party schools.

COVERAGE: The book deals with manufacturing processes in the machine industry. Rolling, drawing, pressing, forging, and stamping of metals are discussed in Part I, founding in Part II, welding and gas cutting in Part III, and metal cutting in Part IV. No personalities are mentioned. There are no references.

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SOV/3281

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AVAILABLE: Library of Congress (TA 145.K6)

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VK/fal  
4/10/60

BEREZIN, Boris Prokop'yevich; MOSYAK, Aron Abramovich; NIKIFOROV, Vikentiy Markianovich; POGODIN-ALEKSEYEV, Georgiy Ivanovich, prof., doktor tekhn.nauk; TITOV, Nikolay Dmitriyevich; SHPITAL'NIY, Boris Gavrilovich; SHCHERBINA, Nikolay Aksept'yevich; KOKOSHKO, A.G., red.; BEYZEL'MAN, D.R., red.; NAUMOV, K.M., tekhn.red.

[Technology of the most important industrial branches] Tekhnologiya vazhneishikh otraslei promyshlennosti. Pod red. G.I.Pogodina-Alekseeva. Moskva, Izd-vo VPSH i AON pri TsK KPSS. Part 2. [Machinery industry; manual for higher party schools] Mashinostroenie; uchebnoe posobie dlia vysshikh partiinykh shkol. 1959. 376 p. (MIRA 12:11)  
(Machinery industry)